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Urgent

Confidential

Date: August 25, 2004

To: Examiner: P. Myers Fax: (703) 872-9306 Art Unit: 2112  
USPTO

From: Paul E. Steiner Fax: 703-633-3303 M/S:

Subject: Pipelined, Universal Serial Bus Parallel Frame Delineator and NRZI Decoder

Application No.: 10/041,848; Inventor: Dean WARREN

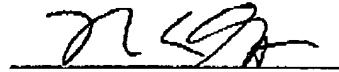
Filed: 10/24/01 Docket No. P9321

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Date: August 25, 2004

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Amendment and Response Under 37 C.F.R. § 1.111 (5 pages)

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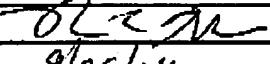
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/041,848	
		Filing Date	October 24, 2001	
		First Named Inventor	Dean WARREN	
		Art Unit	2112	
		Examiner Name	P. Myers	
Total Number of Pages in This Submission		7	Attorney Docket Number	P9321

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Fax Cover Sheet
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Paul E. Steiner, Reg. No. 41,328 Intel America, Inc.
Signature	
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AUG 25 2004

In re patent application of:

Dean WARREN

Serial No.: 10/041,848

Group Art Unit: 2112

Filed: October 24, 2001

Examiner: P. Myers

FOR: PIPELINED, UNIVERSAL SERIAL BUS PARALLEL FRAME  
DELINEATOR AND NRZI DECODER

## RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed May 25, 2004, applicants provide the following remarks.

## REMARKS

Claims 1-19 are pending in the application for reconsideration.

The applicant wishes to thank the Examiner for indicating allowable subject matter in claim 14.

Claims 1-6, 10-11, and 15-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 5,081,654 (Stephenson) in view of U.S. Pat. No. 6,707,396 (Govindaraman). Applicants respectfully traverse this rejection for the following reasons.

With respect to claim 1, the office action admits that Stephenson does not teach the recited NRZI decoder module to decode received NRZI encoded data using parallel data processing, and relies on Govindaraman for this missing teaching. However, the office action fails to establish a proper motivation to combine the references. The office